

IN THE CLAIMS:

Please CANCEL claim 2 without prejudice or disclaimer. Please AMEND the claims and ADD new claims in accordance with the following:

1. (CURRENTLY AMENDED) An optical device module comprising:
an optical device with a plurality of electrodes disposed at predetermined positions;
a substrate disposed oppositely to the optical device and with wiring patterns for connecting to the electrodes;
a pair of side wall plates that hold the substrate on the optical device; and
a wiring ~~which~~that connects the electrodes to the wiring patterns.
2. (CANCELED).
3. (CURRENTLY AMENDED) The optical device module according to ~~claim 2~~claim 1, further comprising:
a heating/cooling unit that performs a function selected from a group consisting of heating the optical device using self-generated heat and cooling the optical device by absorbing heat; and
a soaking unit that uniformly transmits ~~the~~ heat generated by the heating/cooling unit to an entire surface of the optical device, wherein
the side wall plates are arranged on the soaking unit.
4. (CURRENTLY AMENDED) The optical device module according to ~~claim 2~~claim 1, further comprising:
a heating/cooling unit that performs a function selected from a group consisting of heating the optical device using self-generated heat and cooling the optical device by absorbing heat; and
a soaking unit that uniformly transmits the heat generated by the heating/cooling unit to an entire surface of the optical device; and
a package that holds the heating/cooling unit, wherein
the side wall plates are arranged on the inner bottom surface of the package.
5. (ORIGINAL) The optical device module according to claim 1, wherein at least one

opening is formed on the substrate for passing the wiring so that the electrodes can be connected to the wiring patterns.

6. (ORIGINAL) The optical device module according to claim 1, wherein the substrate includes a plurality of substrates.

7. (ORIGINAL) The optical device module according to claim 3, wherein the heating/cooling unit is selected from a group consisting of a heater and a Peltier element.

8. (ORIGINAL) The optical device module according to claim 4, wherein the heating/cooling unit is selected from a group consisting of a heater and a Peltier element.

9. (ORIGINAL) The optical device module according to claim 1, wherein the optical device is a waveguide type optical device.

10. (CURRENTLY AMENDED) The optical device module according to ~~claim 8~~claim 9, wherein an acousto-optic tunable optical filter is used for the waveguide type optical device.

11. (CURRENTLY AMENDED) The optical device module according to ~~claim 2~~claim 1, wherein the substrate and the side wall plates are made of material having relatively low heat conductivity.

12. (ORIGINAL) The optical device module according to claim 11, wherein the substrate and the side wall plates are made of ceramics.

13. (ORIGINAL) The optical device module according to claim 1, wherein the electrodes are electrodes of an inter-digital transducer that excites surface acoustic wave.

14. (ORIGINAL) The optical device module according to claim 1, further comprising:
a lead-through block with wiring patterns provided on a side surface of the substrate for leading through the wiring patterns formed on the substrate and leads with free communication with the relevant wiring patterns; and
a wiring that connects the wiring patterns to the wiring patterns.

15. (ORIGINAL) The optical device module according to claim 1, wherein the wiring pattern includes a signal line for supplying specified signals and a ground line in communication with the ground.

16. (ORIGINAL) The optical device module according to claim 15, wherein the wiring patterns is any of a 50-Ω line selected from a group consisting of a microstrip, a grounded coplanar, a coplanar.

17. (NEW) An optical device module comprising:
an optical device with a plurality of electrodes;
a substrate with wiring patterns for connecting to the electrodes; and
a pair of side wall plates that hold the substrate above the optical device, wherein
the substrate is arranged at a predetermined vertical distance from the
optical device, and
each of the side wall plates is arranged at a predetermined horizontal
distance from the optical device.

18. (NEW) The optical device module according to claim 17, further comprising:
a soaking unit upon which the pair of side wall plates rests;
a bridge substrate supported by the side wall plates, wherein the substrate is
housed between the side wall plates along an upper portion of the soaking unit and below the
bridge substrate.

19. (NEW) The optical device module according to claim 18, wherein the pair of side wall plates holds the bridge substrate at a predetermined vertical distance from the substrate to provide heat resistance.